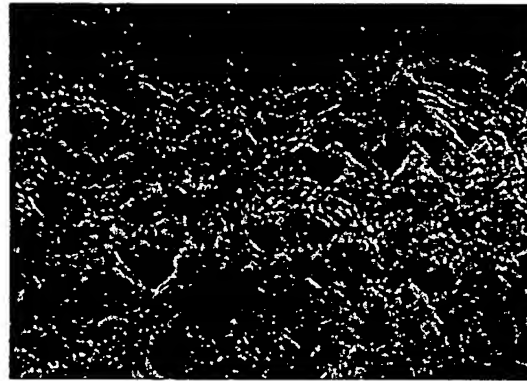


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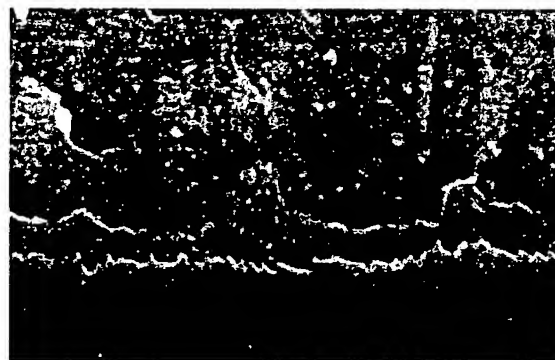
FIG. 1



1 μ m

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FIG. 2



COATING
LAYER

BASE
STEEL

500nm

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FIG. 3

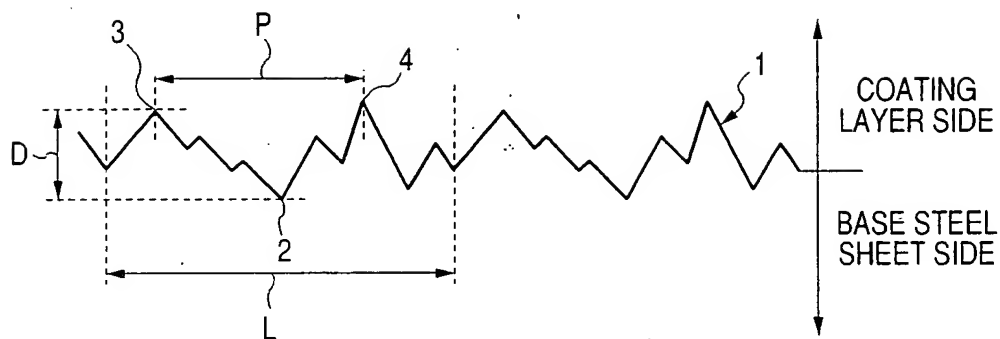
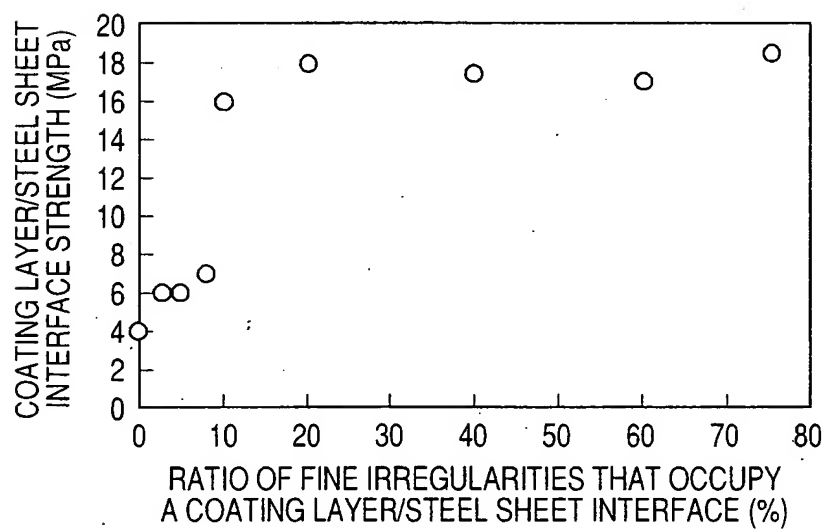


FIG. 4



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FIG. 5

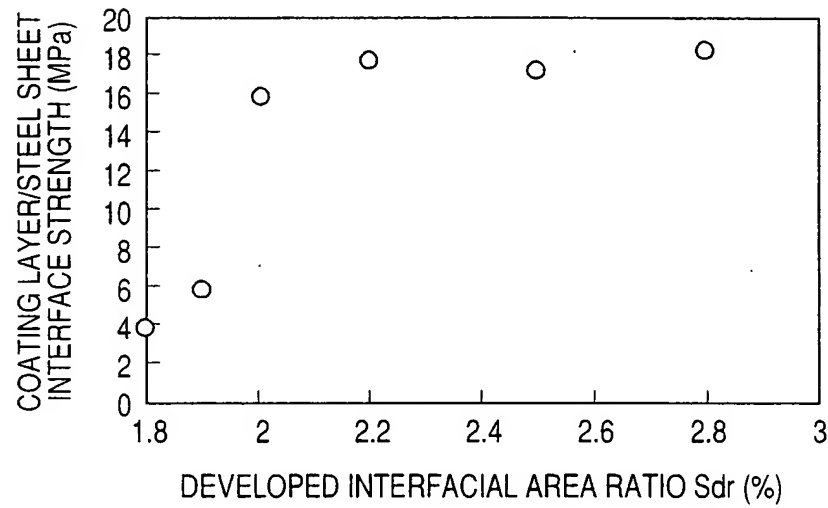
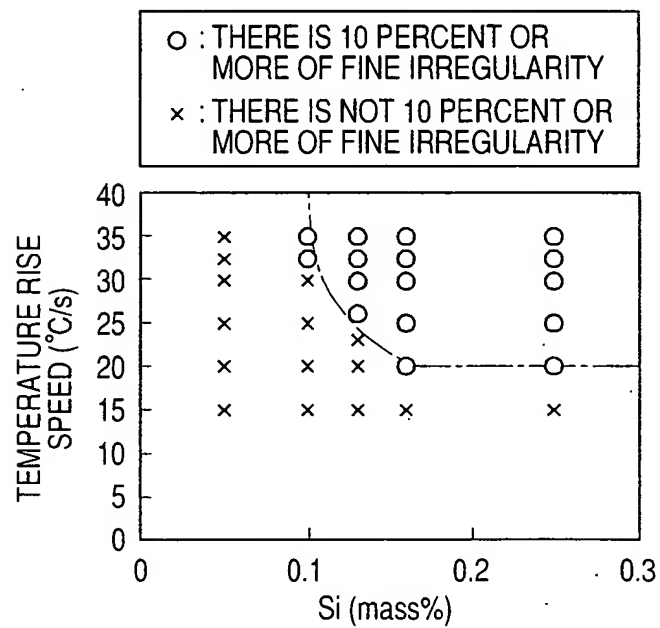


FIG. 6



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FIG. 7

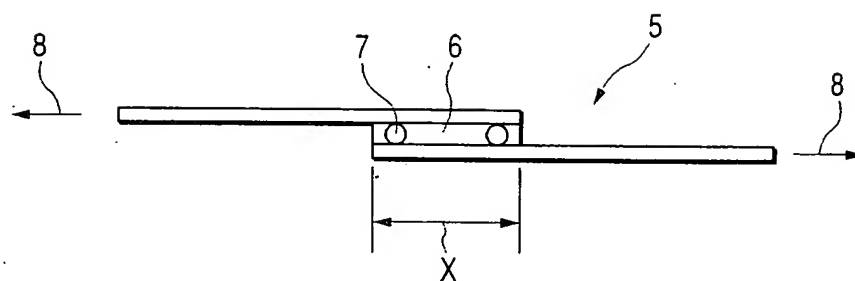
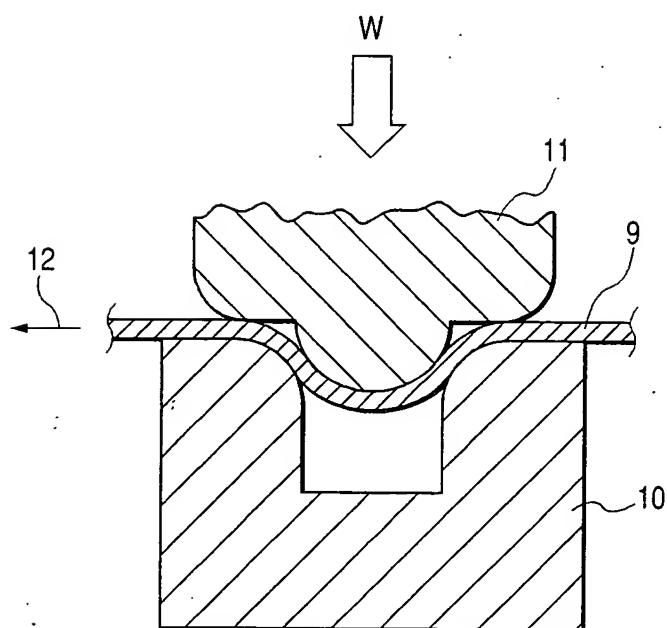


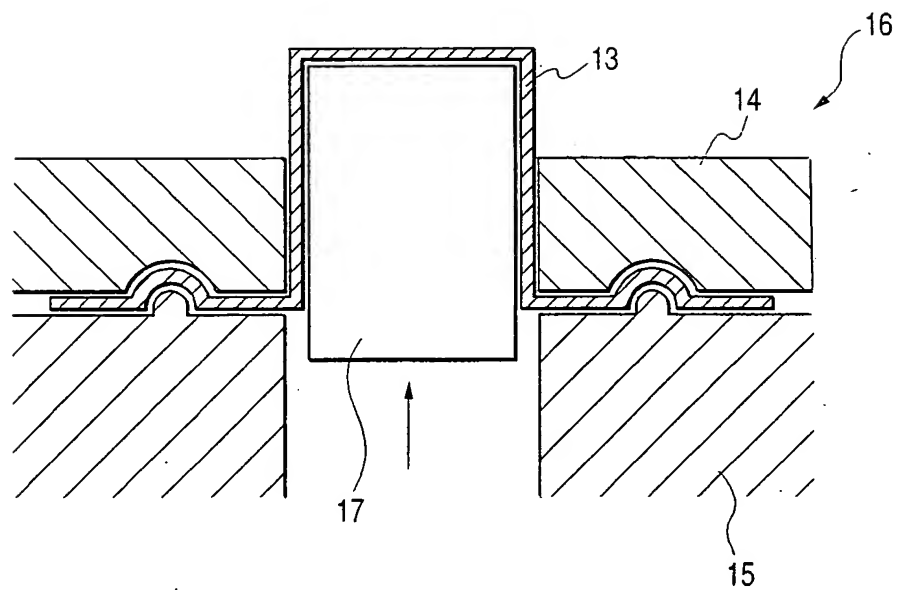
FIG. 8



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FIG. 9



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FIG. 10A

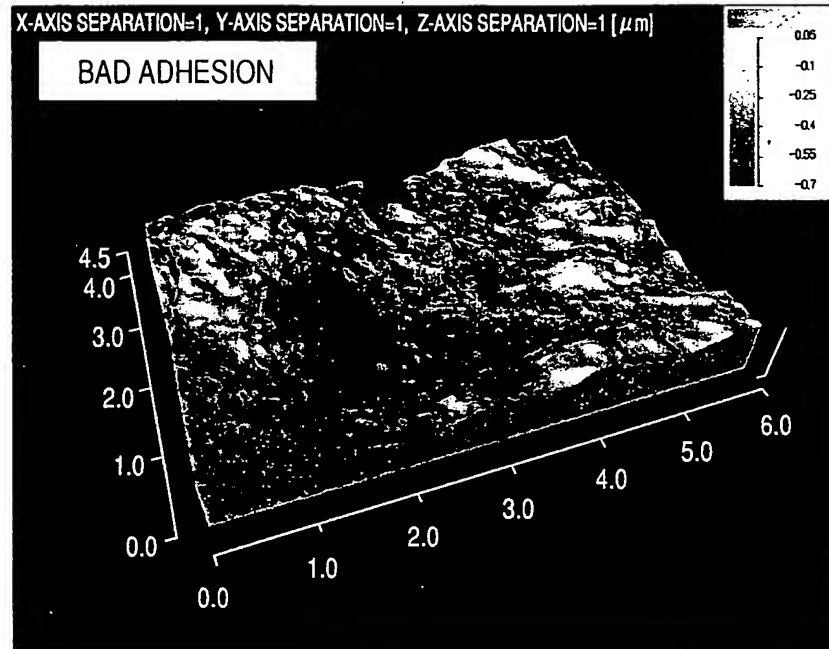
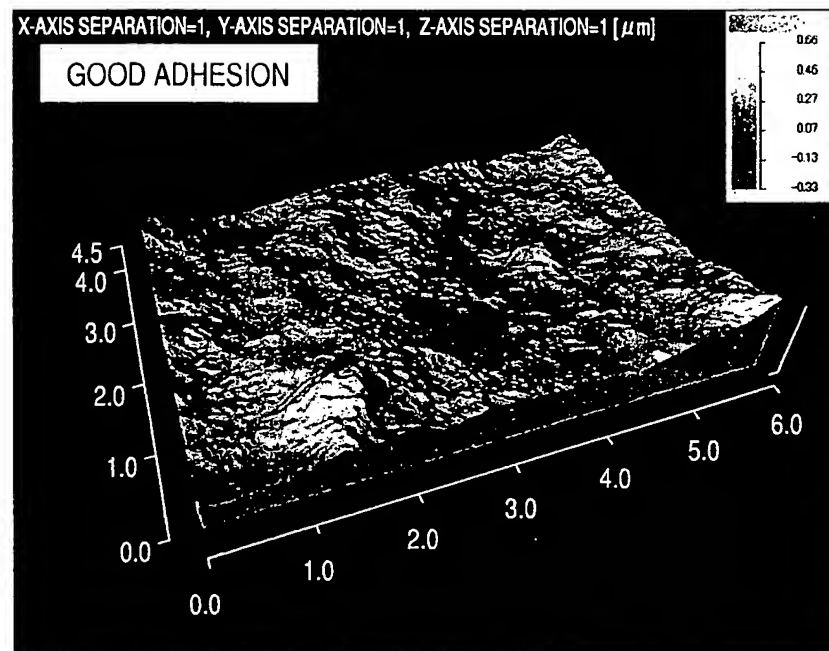


FIG. 10B



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